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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,781	09/30/2003	Christopher K. Karstens	RSW920030085US1	4452
<div>7590 06/14/2007 Gerald R. Woods IBM Corporation T81/503 PO Box 12195 Research Triangle Park, NC 27709</div>			<div>EXAMINER BLAIR, DOUGLAS B</div>	
			<div>ART UNIT 2142</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE 06/14/2007</div>	<div>DELIVERY MODE PAPER</div>

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/674,781	KARSTENS, CHRISTOPHER K.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Douglas B. Blair	2142	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>9/30/03</u> .   | 6) <input type="checkbox"/> Other: _____                          |

**DBB**

## DETAILED ACTION

### *Specification*

1. The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: The applicant's specification does not describe what a "computer-readable medium" comprises (as claimed in claim 31). Instead the specification describes a "computer-readable storage media" (See page 35, line 5). For examination purposes it will be assumed that the claimed "computer-readable medium" is referring to the disclosed "computer-readable storage media".

### *Claim Rejections - 35 USC § 101*

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 20-30 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 20-31 are directed towards software per se and therefore are not part of a statutory class of invention.

4. Claim 20 is directed towards a system comprising an IM client, means for determining, and means for omitting. The IM client is disclosed as the actual software user interface for the IM system on page 9 of the applicant's specification. The claimed means are interpreted as the software instructions and code for carrying out the claimed functions. There is no suggestion in the specification that there are distinct hardware means for carrying out each of the claimed

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functions.. This interpretation is consistent with the description on pages 35 and 36 of the applicant's specification.

5. Claims 21-30 do not feature any further limitations directing the claimed system towards statutory subject matter.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-3, 8-15, 17, 19-21, 24-32, and 35-40 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Number 7,096,255 to Malik.

8. As to claim 1, Malik teaches a method of managing user information in an IM system, comprising the steps of: determining, for an IM client, whether users remembered by the IM client should be treated as expired (col. 7, lines 44-60); and omitting those users which are to be treated as expired when performing selected IM management functions (col. 8, lines 23-40).

9. As to claim 2, Malik teaches the method of claim 1, wherein the omitting step omits the users when performing presence determination (col. 9, lines 31-45).

10. As to claim 3, Malik teaches the method of claim 1, wherein the determining step further comprises the step of using expiration criteria selected by a user of the IM client (col. 7, line 61-col. 8, line 12).

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11. As to claim 8, Malik teaches the method of claim 1, wherein the determining step further comprises the step of selecting, by a user of the IM client, one or more users that will then be automatically treated as currently expired (col. 9, lines 15-17, if the user confirms the removal, the contact will be treated as currently expired).

12. As to claim 9, Malik teaches the method of claim 1, wherein the determining step is performed by analyzing expiration information for each presently unexpired user upon occurrence of a configured interval (col. 8, lines 33-40).

13. As to claim 10, Malik teaches the method of claim 1, wherein the determining and omitting steps are also performed for user groups remembered by the IM client (col. 7, lines 44-60).

14. As to claim 11, Malik teaches the method of claim 1, wherein the determining step uses default expiration criteria and further comprising the step of enabling a user of the IM client to selectively override the default expiration criteria (col. 8, lines 41-57).

15. As to claim 12, Malik teaches the method of claim 1, further comprising the steps of: receiving an inbound message from a particular user who is being treated as expired (col. 8, lines 7-12, the beginning/ending of a chat sessions could be to or from an expired user); and automatically treating the particular user as no longer expired, responsive to the receiving step (col. 8, lines 7-12, the user is added to the temporary contact list, thus no long expired).

16. As to claim 13, it is rejected for the same reasoning as claim 12.

17. As to claim 15, Malik teaches the method of claim 1, wherein the users remembered by the IM client are those users having entries in an address book used by the IM client (col. 6, lines 2-10, the roster is considered an address book).

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18. As to claim 17, Malik teaches a method of managing user information in an IM system, comprising the steps of: determining, for an IM client, whether users remembered by the IM client should be treated as expired (col. 7, lines 44-60); and providing a different visual representation for the remembered users who are to be treated as expired as contrasted to the remembered users who are not to be treated as expired, when displaying an IM client display to a user of the IM client (col. 8, lines 41-57, the prompt is considered a different visual representation).

19. As to claim 14, it is rejected for the same reasoning as claim 17.

20. As to claim 19, Malik teaches the method of claim 17, wherein the different visual representation comprises automatically moving, to a selected location that is distinct from the IM client display, the names or nicknames of the remembered users who are to be treated as expired when displaying the IM client display to the IM client user (col. 8, lines 41-57).

21. As to claims 20-21, 24, and 26-30, they feature a system which implements the method of claims 1-2, 8, 10, and 12-15, respectively, and are therefore rejected for the same reasons as claims 1-2, 8, 10, and 12-15, respectively.

22. As to claim 25, Malik teaches the system of claim 20, wherein the means for determining is performed upon occurrence of a scheduled action that analyzes expiration information for each presently-unexpired user (col. 8, lines 33-40, the monitoring is considered a scheduled action).

23. As to claims 31-32, 35, and 37-40, they feature program code for implementing the method of claims 1-2, 8, 10-11, and 14-15, respectively, and are therefore rejected for the same reasons as claims 1-2, 8, 10-11, and 14-15, respectively.



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24. As to claim 36, Malik teaches the system of claim 31, wherein the computer-readable program code means for determining further comprises: computer-readable program code means for scheduling an expiration action for each of one or more of the remembered users (col. 7, lines 44-60); and computer-readable program code means for treating each of the remembered users upon executing the scheduled expiration action for that remembered user (col. 8, lines 41-57, the prompt action is performed for each of the users).

***Claim Rejections - 35 USC § 103***

25. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

26. Claims 4-7, 22-23, and 33-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 7,096,255 to Malik in view of U.S. Patent Application Publication Number 2003/0065721 to Roskind.

27. As to claim 4, Malik teaches the method of claim 1 including the step of comparing a first date when a particular user was added to a second date selected by a user of the IM client (col. 8, lines 41-56); however Malik does not teach a step of comparing a first date when an instant message last arrived from a particular user to a second date selected by a user of the IM client.

Roskind teaches a step of comparing first data when an instant message last arrived from a particular user to a second date selected by a user of the IM client (paragraph 99).

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It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Malik regarding determining whether a contact has expired with the teachings of Roskind regarding determining an expiration based on the date a last instant message was received because Malik suggests that many variations and modifications can be made to the invention (col. 10, lines 15-16) and the implementation taught by Roskind preserves communications with the most active contacts that a user may have business with.

28. As to claim 5, it is rejected for the same reason as claim 4 since a difference between dates is the same thing as a specified length of time.

29. As to claims 6-7, Roskind applies the same way to messages both sent and received (see paragraph 99).

30. As to claims 22-23 and 33-34, they feature the same limitations as claims 4-7 and are rejected for the same reasons as claims 4-7.

31. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 7,096,255 to Malik in view of U.S. Patent Application Publication Number 2003/0110044 to Nix et al.

32. As to claim 16, Malik teaches a method of managing user information in an IM system, comprising the steps of: evaluating, for an IM client, which of the users remembered by the IM client should be treated as expired (col. 7, lines 44-60); providing, the IM client, an indication for those users which are to be treated as expired (col. 8, lines 41-57); however Malik does not explicitly teach charging a fee for carrying out the evaluating and providing steps.



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Nix teaches charging fees for various services in a network including service related to instant messaging (paragraph 4).

It would have been obvious to one of ordinary skill in the Computer networking art at the time of the invention to combine the teachings of Malik regarding determining the presence of users in an IM system with the teachings of Nix regarding charging for such services because the Malik invention states that it can be integrated with billing applications (col. 7, lines 3-21).

33. Claim 18 rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 7,096,255 to Malik in view of U.S. Pant Application Publication Number 2005/0044143 to Zimmermann et al.

34. As to claim 18, Malik teaches the method of claim 17, however Malik does not explicitly teach the use of italicized font.

Zimmermann teaches the use of italicized font to indicate presence information in an instant messaging system (paragraph 51).

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Malik regarding determining whether a contact has expired with the teachings of Zimmermann regarding indicating presence information with italics because italics provides an easy way to indicate differences between entities defined by text, such as entities in a buddy list.

35. Claim 18 rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 7,096,255 to Malik in view of U.S. Pant Application Publication Number 2004/0172455 to Green et al.

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36. As to claim 18, Malik teaches the method of claim 17, however Malik does not explicitly teach the use of italicized font.

Green teaches the use of italicized font to indicate presence information in an instant messaging system (paragraph 73).

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Malik regarding determining whether a contact has expired with the teachings of Green regarding indicating presence information with italics because italics provides an easy way to indicate differences between entities defined by text, such as entities in a buddy list.

37. Claim 18 rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 7,096,255 to Malik.

38. As to claim 18, Malik teaches the method of claim 17, however Malik does not explicitly teach the use of italicized font.

Official notice is taken that the use of italics was well known at the time of the applicant's invention.

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Malik regarding determining whether a contact has expired with the use of italics because italics provides an easy way to indicate differences between entities defined by text, such as entities in a buddy list.

39. Claim 18 has been rejected multiple times because of the likelihood that the applicant may be able to file an affidavit or declaration (See MPEP section 706.02(I)(C)).

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*Conclusion*

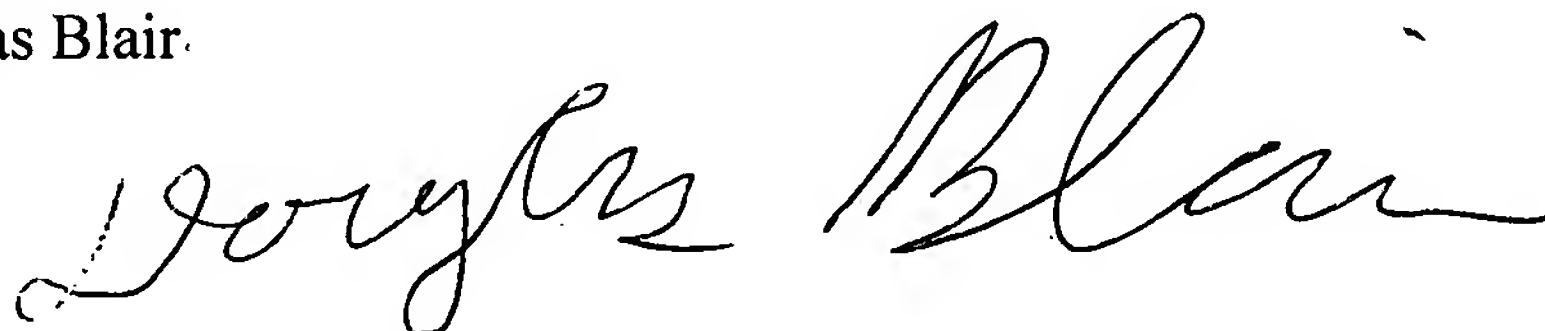
40. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas B. Blair whose telephone number is (571) 272-3893.

The examiner can normally be reached on 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (571) 272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Douglas Blair

A handwritten signature in black ink that reads "Douglas Blair". The signature is written in a cursive, flowing style with a large, prominent "D" and "B".